

# 12P/13P SERIES

PASSIVE DELAY LINE  
3 PIN SINGLE OUTPUT

## FEATURES

- 4-pin DIP AND SMD package.
- 1 equally-spaced taps
- Low cost prompt delivery
- Precision-grade internal inductor elements ensure excellent stability
- Operating temperature :0°C to +70°C

## ELECTRICAL CHARACTERISTICS

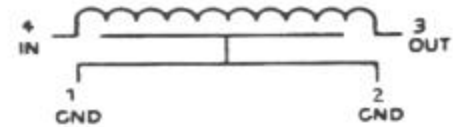
Total Delay Toltange	: ±20%
Temperature Coefficient of Delay	: 100ppm/°C max
Distortion	: ±10% Max
Dielectric Strength	: 100VDC
Insulation Resistance	: 1000MΩ min
Attenuation	: ±20% Max



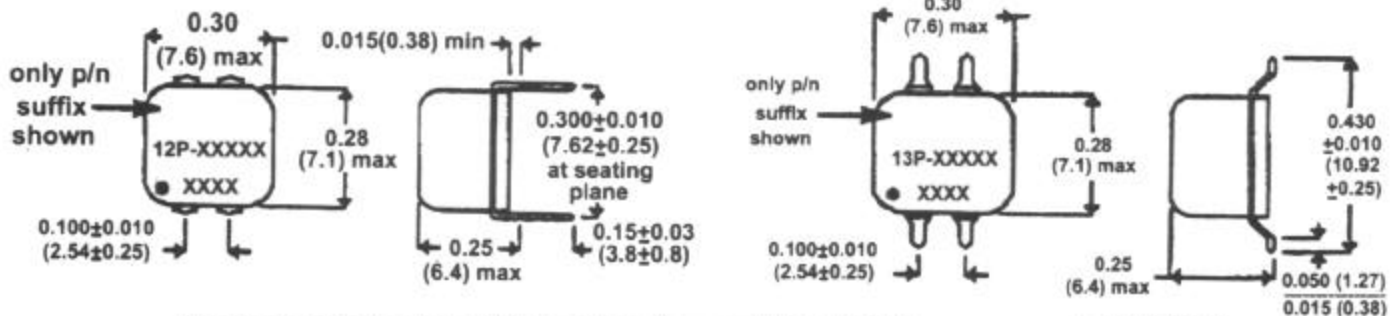
## ELECTRICAL SPECIFICATIONS

RCD TYPE	DELAY TIME (ns)	RISETIME MAX(ns)	Available Lmpedance Values(±10%)
12P/13P-0R1XX	0.1	2.0	50Ω or 75Ω
12P/13P-0R2XX	0.2	2.0	50Ω or 75Ω
12P/13P-0R3XX	0.3	2.0	50Ω or 75Ω
12P/13P-0R4XX	0.4	2.0	50Ω or 75Ω
12P/13P-0R5XX	0.5	2.0	50Ω or 75Ω
12P/13P-0R6XX	0.6	2.0	50Ω or 75Ω
12P/13P-0R7XX	0.7	2.0	50Ω or 75Ω
12P/13P-0R8XX	0.8	2.0	50Ω or 75Ω
12P/13P-0R9XX	0.9	2.0	50Ω or 75Ω
12P/13P-001XX	1.0	2.0	50Ω or 75Ω

## SCHEMATICS



## DIMENSIONS



Dimensions: inches/mm Unless otherwise specified, All tolerances are ±.010/0.25

**ALLEN AVIONICS, INC.**